

**§ 63.9480**

**40 CFR Ch. I (7–1–15 Edition)**

Citation	Subject	Brief description	Applies to subpart P
		2. Occurrence of each malfunction of air pollution equipment.	Yes.
		3. Maintenance on air pollution control equipment.	Yes.
		4. Actions during SSM .....	Yes.
		5. All information necessary to demonstrate conformance with the SSMP.	Yes.
§ 63.10(b)(2)(vi)–(xi) .....	CMS Records .....	Malfunctions, inoperative, out of control.	Yes.
§ 63.10(b)(2)(xii) .....	Records .....	Records when under waiver ..	Yes.
§ 63.10(b)(2)(xiii) .....	Records .....	Records when using alternative to relative accuracy test.	Yes.
§ 63.10(b)(2)(xiv) .....	Records .....	All documentation supporting initial notification and notification of compliance status.	Yes.
§ 63.10(b)(3) .....	Records .....	Applicability determinations ...	Yes.
§ 63.10(c)(1)–(6), (9)–(15) .....	Records .....	Additional records for CEMS	Yes.
§ 63.10(c)(7)–(8) .....	Records .....	Records of excess emissions and parameter monitoring exceedances for CEMS.	No. Specific language is located at § 63.9355 of subpart P.
§ 63.10(d)(1) .....	General Reporting Requirements.	Requirement to report .....	Yes.
§ 63.10(d)(2) .....	Report of Performance Test Results.	When to submit to Federal or State authority.	Yes.
§ 63.10(d)(3) .....	Reporting Opacity or VE Observations.	What to report and when .....	No. Subpart P does not have opacity/VE standards.
§ 63.10(d)(4) .....	Progress Reports .....	Must submit progress reports on schedule if under compliance extension.	No. Compliance extensions do not apply to new or reconstructed sources.
§ 63.10(d)(5) .....	SSM Reports .....	Contents and submission .....	Yes.
§ 63.10(e)(1) and (2)(i) .....	Additional CMS Reports .....	Additional CMS reports .....	Yes.
§ 63.10(e)(2)(ii) .....	Additional CMS Reports .....	COMS-related report .....	No. Subpart P does not require COMS.
§ 63.10(e)(3) .....	Additional CMS Reports .....	Excess emissions and parameter exceedances reports.	No. Specific language is located in § 63.9350 of subpart P.
§ 63.10(e)(4) .....	Additional CMS Reports .....	Reporting COMS data .....	No. Subpart P does not require COMS.
§ 63.10(f) .....	Waiver for Recordkeeping/Reporting.	Procedures for Administrator to waive.	Yes.
§ 63.11 .....	Control Device Requirements	Requirements for flares .....	No. Subpart P does not specify use of flares for compliance.
§ 63.12 .....	State Authority and Delegations.	State authority to enforce standards.	Yes.
§ 63.13 .....	Addresses of State Air Pollution Control Offices and EPA Regional Offices.	Addresses where reports, notifications, and requests are sent.	Yes.
§ 63.14 .....	Incorporations by Reference ..	Test methods incorporated by reference.	Yes. ASTM D 6522–00 and ANSI/ASME PTC 19.10–1981 (incorporated by reference—See § 63.14).
§ 63.15 .....	Availability of Information and Confidentiality.	Public and confidential information.	Yes.

[68 FR 28785, May 27, 2003, as amended at 71 FR 20470, Apr. 20, 2006]

**Subpart Q—National Emission Standards for Hazardous Air Pollutants for Friction Materials Manufacturing Facilities**

SOURCE: 67 FR 64506, Oct. 18, 2002, unless otherwise noted.

**WHAT THIS SUBPART COVERS**

**§ 63.9480 What is the purpose of this subpart?**

This subpart establishes national emission standards for hazardous air pollutants (NESHAP) for friction materials manufacturing facilities that use

## Environmental Protection Agency

## § 63.9500

a solvent-based process. This subpart also establishes requirements to demonstrate initial and continuous compliance with all applicable emission limitations in this subpart.

### § 63.9485 Am I subject to this subpart?

(a) You are subject to this subpart if you own or operate a friction materials manufacturing facility (as defined in § 63.9565) that is (or is part of) a major source of hazardous air pollutants (HAP) emissions on the first compliance date that applies to you, as specified in § 63.9495. Your friction materials manufacturing facility is a major source of HAP if it emits or has the potential to emit any single HAP at a rate of 9.07 megagrams (10 tons) or more per year or any combination of HAP at a rate of 22.68 megagrams (25 tons) or more per year.

(b) The requirements in this subpart do not apply to research and development facilities, as defined in section 112(c)(7) of the Clean Air Act.

### § 63.9490 What parts of my plant does this subpart cover?

(a) This subpart applies to each new, reconstructed, or existing affected source at your friction materials manufacturing facility.

(b) The affected source covered by this subpart is each new, reconstructed, or existing solvent mixer (as defined in § 63.9565) at your friction materials manufacturing facility.

(c) A solvent mixer at your friction materials manufacturing facility is new if you commence construction of the solvent mixer after October 18, 2002. An affected source is reconstructed if it meets the definition of "reconstruction" in § 63.2, and reconstruction is commenced after October 18, 2002.

(d) A solvent mixer at your friction materials manufacturing facility is existing if it is not new or reconstructed.

### § 63.9495 When do I have to comply with this subpart?

(a) If you have an existing solvent mixer, you must comply with each of the requirements for existing sources no later than October 18, 2005.

(b) If you have a new or reconstructed solvent mixer and its initial

startup date is after October 18, 2002, you must comply with the requirements for new and reconstructed sources upon initial startup.

(c) If your friction materials manufacturing facility is an area source that increases its emissions or its potential to emit such that it becomes a (or part of) a major source of HAP emissions, then paragraphs (c)(1) and (2) of this section apply.

(1) For any portion of the area source that becomes a new or reconstructed affected source, you must comply with the requirements for new and reconstructed sources upon startup or no later than October 18, 2002, whichever is later.

(2) For any portion of the area source that becomes an existing affected source, you must comply with the requirements for existing sources no later than 1 year after the area source becomes a major source or no later than October 18, 2005, whichever is later.

(d) You must meet the notification and schedule requirements in § 63.9535. Several of the notifications must be submitted before the compliance date for your affected source.

## EMISSION LIMITATIONS

### § 63.9500 What emission limitations must I meet?

(a) For each new, reconstructed, or existing large solvent mixer at your friction materials manufacturing facility, you must limit HAP solvent emissions to the atmosphere to no more than 30 percent of that which would otherwise be emitted in the absence of solvent recovery and/or solvent substitution, based on a 7-day block average.

(b) For each new, reconstructed, or existing small solvent mixer at your friction materials manufacturing facility, you must limit HAP solvent emissions to the atmosphere to no more than 15 percent of that which would otherwise be emitted in the absence of solvent recovery and/or solvent substitution, based on a 7-day block average.

## § 63.9505

## 40 CFR Ch. I (7–1–15 Edition)

### GENERAL COMPLIANCE REQUIREMENTS

#### § 63.9505 What are my general requirements for complying with this subpart?

(a) You must be in compliance with the emission limitation in this subpart at all times, except during periods of startup, shutdown, or malfunction.

(b) You must always operate and maintain your affected source, including air pollution control and monitoring equipment, according to the provisions in § 63.6(e)(1)(i).

(c) You must develop a written startup, shutdown, and malfunction plan according to the provisions in § 63.6(e)(3).

[67 FR 64506, Oct. 18, 2002, as amended at 71 FR 20470, Apr. 20, 2006]

### INITIAL COMPLIANCE DEMONSTRATION REQUIREMENTS

#### § 63.9510 By what date must I conduct my initial compliance demonstration?

(a) If you use a solvent recovery system and/or solvent substitution, you must conduct your initial compliance demonstration within 7 calendar days after the compliance date that is specified for your source in § 63.9495.

(b) If you use a control technique other than a solvent recovery system and/or solvent substitution, you must comply with the provisions in § 63.9570.

#### § 63.9515 How do I demonstrate initial compliance with the emission limitation that applies to me?

(a) You have demonstrated initial compliance for each new, reconstructed, or existing large solvent mixer subject to the emission limitation in § 63.9500(a) if the HAP solvent discharged to the atmosphere during the first 7 days after the compliance date, determined according to the provisions in § 63.9520, does not exceed a 7-day block average of 30 percent of that which would otherwise be emitted in the absence of solvent recovery and/or solvent substitution.

(b) You have demonstrated initial compliance for each new, reconstructed, or existing small solvent mixer subject to the emission limitation in § 63.9500(b) if the HAP solvent discharged to the atmosphere during

the first 7 days after the compliance date, determined according to the provisions in § 63.9520, does not exceed a 7-day block average of 15 percent of that which would otherwise be emitted in the absence of solvent recovery and/or solvent substitution.

(c) You must submit a notification of compliance status containing the results of the initial compliance demonstration according to § 63.9535(e).

#### § 63.9520 What procedures must I use to demonstrate initial compliance?

(a) If you use a solvent recovery system, you must use the procedures in paragraphs (a)(1) through (8) of this section to demonstrate initial compliance with the emission limitations in § 63.9500(a) and (b).

(1) Record the date and time of each mix batch.

(2) Record the identity of each mix batch using a unique batch ID, as defined in § 63.9565.

(3) Measure and record the weight of HAP solvent loaded into the solvent mixer for each mix batch.

(4) Measure and record the weight of HAP solvent recovered for each mix batch.

(5) If you use a solvent recovery system, you must determine the percent of HAP solvent discharged to the atmosphere for each mix batch according to Equation 1 of this section as follows: (Eq. 1)

$$P_b = \left( 1 - \frac{S_{\text{rec}}}{S_{\text{mix}}} \right) (100) \quad (\text{Eq. 1})$$

Where:

$P_b$  = Percent of HAP solvent discharged to the atmosphere for each mix batch, percent;

$S_{\text{rec}}$  = Weight of HAP solvent recovered for each mix batch, lb;

$S_{\text{mix}}$  = Weight of HAP solvent loaded into the solvent mixer for each mix batch, lb.

(6) If you use solvent substitution for a mix batch, you must record the use of a non-HAP material as a substitute for a HAP solvent for that mix batch and assign a value of 0 percent to the percent of HAP solvent discharged to the atmosphere for that mix batch ( $P_b$ ).

(7) Determine the 7-day block average percent of HAP solvent discharged

## Environmental Protection Agency

## § 63.9530

to the atmosphere according to Equation 2 of this section as follows:

$$P_7 = \frac{1}{n} \sum_{i=1}^n P_b \quad (\text{Eq. 2})$$

Where:

% $P_7$  = 7-day block average percent of HAP solvent discharged to the atmosphere, percent;

i = mix batch;

n = number of mix batches in 7-day block average.

(8) Have valid data for at least 90 percent of the mix batches over the 7-day averaging period.

(b) If you use a control technique other than a solvent recovery system and/or solvent substitution, you may apply to EPA for approval to use an alternative method of demonstrating compliance with the emission limitations for solvent mixers in § 63.9500(a) and (b), as provided in § 63.9570.

### § 63.9525 What are the installation, operation, and maintenance requirements for my weight measurement device?

(a) If you use a solvent recovery system, you must install, operate, and maintain a weight measurement device to measure the weight of HAP solvent loaded into the solvent mixer and the weight of HAP solvent recovered for each mix batch.

(b) For each weight measurement device required by this section, you must develop and submit for approval a site-specific monitoring plan that addresses the requirements of paragraphs (b)(1) through (6) of this section:

(1) Procedures for installing the weight measurement device;

(2) The minimum accuracy of the weight measurement device in pounds and as a percent of the average weight of solvent to be loaded into the solvent mixer;

(3) Site-specific procedures for how the measurements will be made;

(4) How the measurement data will be recorded, reduced, and stored;

(5) Procedures and acceptance criteria for calibration of the weight measurement device; and

(6) How the measurement device will be maintained, including a routine

maintenance schedule and spare parts inventory list.

(c) The site-specific monitoring plan required in paragraph (b) of this section must include, at a minimum, the requirements of paragraphs (c)(1) through (3) of this section:

(1) The weight measurement device must have a minimum accuracy of  $\pm 0.05$  kilograms ( $\pm 0.1$  pounds) or  $\pm 1$  percent of the average weight of solvent to be loaded into the solvent mixer, whichever is greater.

(2) An initial multi-point calibration of the weight measurement device must be made using 5 points spanning the expected range of weight measurements before the weight measurement device can be used. The manufacturer's calibration results can be used to meet this requirement.

(3) Once per day, an accuracy audit must be made using a single Class F calibration weight that corresponds to 20 to 80 percent of the average weight of solvent to be loaded into the solvent mixer. If the weight measurement device cannot reproduce the value of the calibration weight within  $\pm 0.05$  kilograms (0.1 pounds) or  $\pm 1$  percent of the average weight of solvent to be loaded into the solvent mixer, whichever is greater, the scale must be recalibrated before being used again. The recalibration must be performed with at least five Class F calibration weights spanning the expected range of weight measurements.

(d) You must operate and maintain the weight measurement device according to the site-specific monitoring plan.

(e) You must maintain records of all maintenance activities, calibrations, and calibration audits.

### CONTINUOUS COMPLIANCE REQUIREMENTS

#### § 63.9530 How do I demonstrate continuous compliance with the emission limitation that applies to me?

(a) If you use a solvent recovery system and/or solvent substitution, you must demonstrate continuous compliance with the emission limitations for solvent mixers in § 63.9500(a) and (b) according to the provisions in paragraphs (a)(1) through (3) of this section.

(1) Except for during malfunctions of your weight measurement device and

## § 63.9535

associated repairs, you must collect and record the information required in § 63.9520(a)(1) through (8) at all times that the affected source is operating and record all information needed to document conformance with these requirements.

(2) For new, reconstructed, or existing large solvent mixers, maintain the 7-day block average percent of HAP solvent discharged to the atmosphere at or below 30 percent of that which would otherwise be emitted in the absence of solvent recovery and/or solvent substitution.

(3) For new, reconstructed, or existing small solvent mixers, maintain the 7-day block average percent of HAP solvent discharged to the atmosphere at or below 15 percent of that which would otherwise be emitted in the absence of solvent recovery and/or solvent substitution.

(b) If you use a control technique other than a solvent recovery system and/or solvent substitution, you must demonstrate continuous compliance with the emission limitations for solvent mixers in § 63.9500(a) and (b) according to the provisions in § 63.9570.

(c) You must report each instance in which you did not meet the emission limitations for solvent mixers in § 63.9500(a) and (b). This includes periods of startup, shutdown, or malfunction. These instances are deviations from the emission limitations in this subpart. These deviations must be reported according to the requirements in § 63.9540.

(d) [Reserved]

(e) Consistent with §§ 63.6(e) and 63.7(e)(1), deviations that occur during a period of startup, shutdown, or malfunction are not violations if you demonstrate to the Administrator's satisfaction that you were operating in accordance with § 63.6(e)(1). The Administrator will determine whether deviations that occur during a period of startup, shutdown, or malfunction are violations, according to the provisions in § 63.6(e).

[67 FR 64506, Oct. 18, 2002, as amended at 71 FR 20470, Apr. 20, 2006]

## 40 CFR Ch. I (7–1–15 Edition)

### NOTIFICATIONS, REPORTS, AND RECORDS

#### § 63.9535 What notifications must I submit and when?

(a) You must submit all of the notifications in §§ 63.8(f)(4) and 63.9(b), (c), (d), and (h) that apply to you by the specified dates.

(b) If you use a control technique other than a solvent recovery system and/or solvent substitution, you must comply with the provisions in § 63.9570.

(c) As specified in § 63.9(b)(2), if you start up your affected source before October 18, 2002, you must submit your initial notification no later than 120 calendar days after October 18, 2002.

(d) As specified in § 63.9(b)(3), if you start up your new affected source on or after October 18, 2002, you must submit your initial notification no later than 120 calendar days after you become subject to this subpart.

(e) You must submit a notification of compliance status according to § 63.9(h)(2)(ii). You must submit the notification of compliance status before the close of business on the 30th calendar day following the completion of the initial compliance demonstration.

#### § 63.9540 What reports must I submit and when?

(a) Unless the Administrator has approved a different schedule, you must submit each semiannual compliance report according to the requirements in paragraphs (a)(1) through (5) of this section.

(1) The first compliance report must cover the period beginning on the compliance date that is specified for your affected source in § 63.9495 and ending on June 30 or December 31, whichever date comes first after the compliance date that is specified for your source in § 63.9495.

(2) The first compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date comes first after your first compliance report is due.

(3) Each subsequent compliance report must cover the semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31.

## Environmental Protection Agency

## § 63.9545

(4) Each subsequent compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date comes first after the end of the semiannual reporting period.

(5) For each affected source that is subject to permitting regulations pursuant to 40 CFR part 70 or 71 of this chapter, and if the permitting authority has established dates for submitting semiannual reports pursuant to 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A) of this chapter, you may submit the first and subsequent compliance reports according to the dates the permitting authority has established instead of according to the dates in paragraphs (a)(1) through (4) of this section.

(b) Each compliance report must include the information in paragraphs (b)(1) through (3) of this section, and if applicable, paragraphs (b)(4) through (6) of this section.

(1) Company name and address.

(2) Statement by a responsible official, with the official's name, title, and signature, certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.

(3) Date of report and beginning and ending dates of the reporting period.

(4) If you had a startup, shutdown, or malfunction during the reporting period and you took actions consistent with your startup, shutdown, and malfunction plan, the compliance report must include the information in § 63.10(d)(5)(i).

(5) If there were no deviations from the emission limitations for solvent mixers in § 63.9500(a) and (b), a statement that there were no deviations from the emission limitations during the reporting period.

(6) If there were no periods during which a monitoring system was out-of-control as specified in § 63.8(c)(7), a statement that there were no periods during which a monitoring system was out-of-control during the reporting period.

(c) For each deviation from an emission limitation occurring at an affected source, you must include the information in paragraphs (b)(1) through (4) and (c)(1) and (2) of this section.

This includes periods of startup, shutdown, or malfunction.

(1) The total operating time of each affected source during the reporting period.

(2) Information on the number, duration, and cause of deviations (including unknown cause, if applicable), as applicable, and the corrective action taken.

(d) If you had a startup, shutdown, or malfunction during the semiannual reporting period that was not consistent with your startup, shutdown, and malfunction plan, you must submit an immediate startup, shutdown, and malfunction report according to the requirements in § 63.10(d)(5)(ii).

(e) If you have obtained a title V operating permit for an affected source pursuant to 40 CFR part 70 or 71 of this chapter, you must report all deviations as defined in this subpart in the semiannual monitoring report required by 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A) of this chapter. If you submit a compliance report for an affected source along with, or as part of, the semiannual monitoring report required by 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A) of this chapter, and the compliance report includes all the required information concerning deviations from any emission limitation in this subpart, then submission of the compliance report satisfies any obligation to report the same deviations in the semiannual monitoring report. However, submission of a compliance report does not otherwise affect any obligation you may have to report deviations from permit requirements to your permitting authority.

### § 63.9545 What records must I keep?

(a) You must keep the records in paragraphs (a)(1) and (2) of this section that apply to you.

(1) A copy of each notification and report that you submitted to comply with this subpart, including all documentation supporting any initial notification or notification of compliance status that you submitted, according to the requirements in § 63.10(b)(2)(xiv).

(2) The records in § 63.6(e)(3)(iii) through (v) related to startup, shutdown, or malfunction.

## § 63.9550

(b) You must keep the records required in § 63.9525 to show proper operation and maintenance of the weight measurement device.

(c) You must keep the records required in § 63.9530 to show continuous compliance with the emission limitations for solvent mixers in § 63.9500(a) and (b).

### **§ 63.9550 In what form and how long must I keep my records?**

(a) You must keep your records in a form suitable and readily available for expeditious review, according to § 63.10(b)(1).

(b) As specified in § 63.10(b)(1), you must keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.

(c) You must keep each record on site for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to § 63.10(b)(1). You can keep the records offsite for the remaining 3 years.

## OTHER REQUIREMENTS AND INFORMATION

### **§ 63.9555 What parts of the General Provisions apply to me?**

Table 1 to this subpart shows which parts of the General Provisions in §§ 63.1 through 63.15 apply to you.

### **§ 63.9560 Who implements and enforces this subpart?**

(a) This subpart can be implemented and enforced by the U.S. EPA, or a delegated authority such as your State, local, or tribal agency. If the U.S. EPA Administrator has delegated authority to your State, local, or tribal agency, then that agency, in addition to the U.S. EPA, has the authority to implement and enforce this subpart. You should contact your U.S. EPA Regional Office to find out if this subpart is delegated to your State, local, or tribal agency.

(b) In delegating implementation and enforcement authority of this subpart to a State, local, or tribal agency under 40 CFR part 63, subpart E, the authorities contained in paragraphs (c)(1) through (4) of this section are retained by the Administrator of the U.S.

## 40 CFR Ch. I (7–1–15 Edition)

EPA and are not transferred to the State, local, or tribal agency.

(c) The authorities that cannot be delegated to State, local or tribal agencies are as follows:

(1) Approval of alternatives to the emission limitations in § 63.9500(a) and (b) under § 63.6(g).

(2) Approval of major alternatives to test methods under § 63.7(e)(2)(ii) and (f) and as defined in § 63.90.

(3) Approval of major alternatives to monitoring under § 63.8(f) and as defined in § 63.90.

(4) Approval of major alternatives to recordkeeping and reporting under § 63.10(f) and as defined in § 63.90.

### **§ 63.9565 What definitions apply to this subpart?**

Terms used in this subpart are defined in the Clean Air Act, in § 63.2, and in this section as follows:

*Batch ID* means a unique identifier used to differentiate each individual mix batch.

*Deviation* means any instance in which an affected source subject to this subpart, or an owner or operator of such a source:

(1) Fails to meet any requirement or obligation established by this subpart, including, but not limited to, any emission limitation (including any operating limit);

(2) Fails to meet any term or condition that is adopted to implement an applicable requirement in this subpart and that is included in the operating permit for any affected source required to obtain such a permit; or

(3) Fails to meet any emission limitation (including any operating limit) in this subpart during startup, shutdown, or malfunction, regardless of whether or not such failure is permitted by this subpart.

*Friction ingredients* means any of the components used in the manufacture of friction materials, excluding the HAP solvent. Friction ingredients include, but are not limited to, reinforcement materials, property modifiers, resins, and other additives.

*Friction materials manufacturing facility* means a facility that manufactures friction materials using a solvent-based process. Friction materials are used in the manufacture of products

## Environmental Protection Agency

## § 63.9570

used to accelerate or decelerate objects. Products that use friction materials include, but are not limited to, disc brake pucks, disc brake pads, brake linings, brake shoes, brake segments, brake blocks, brake discs, clutch facings, and clutches.

*HAP solvent* means a solvent that contains 10 percent or more of any one HAP, as listed in section 112(b) of the Clean Air Act, or any combination of HAP that is added to a solvent mixer. Examples include hexane, toluene, and trichloroethylene.

*Initial startup* means the first time that equipment is put into operation. Initial startup does not include operation solely for testing equipment. Initial startup does not include subsequent startups (as defined in this section) following malfunction or shutdowns or following changes in product or between batch operations.

*Large solvent mixer* means a solvent mixer with a design capacity greater than or equal to 2,000 pounds, including friction ingredients and HAP solvent.

*Mix batch* means each batch of friction materials manufactured in a solvent mixer.

*Responsible official* means responsible official as defined in § 63.2.

*7-day block average* means an averaging technique for a weekly compliance determination where the calculated values for percent HAP solvent discharged to the atmosphere are averaged together for all mix batches (for which there are valid data) in a 7-day block period according to the equation provided in § 63.9520(a)(6).

*Small solvent mixer* means a solvent mixer with a design capacity less than 2,000 pounds, including friction ingredients and HAP solvent.

*Solvent mixer* means a mixer used in the friction materials manufacturing process in which HAP solvent is used as one of the ingredients in at least one batch during a semiannual reporting period. Trace amounts of HAP solvents in resins or other friction ingredients do not qualify mixers as solvent mixers.

*Solvent recovery system* means equipment used for the purpose of recovering the HAP solvent from the exhaust stream. An example of a solvent recovery system is a condenser.

*Solvent substitution* means substitution of a non-HAP material for a HAP solvent.

*Startup* means bringing equipment online and starting the production process.

*Startup, shutdown, and malfunction plan* means a plan developed according to the provisions of § 63.6(e)(3).

### § 63.9570 How do I apply for alternative compliance requirements?

(a) If you use a control technique other than a solvent recovery system and/or solvent substitution, you may request approval to use an alternative method of demonstrating compliance with the emission limitations in § 63.9500(a) and (b) according to the procedures in this section.

(b) You can request approval to use an alternative method of demonstrating compliance in the initial notification for existing sources, the notification of construction or reconstruction for new sources, or at any time.

(c) You must submit a description of the proposed testing, monitoring, recordkeeping, and reporting that will be used and the proposed basis for demonstrating compliance.

(1) If you have not previously performed testing, you must submit a proposed test plan. If you are seeking permission to use an alternative method of compliance based on previously performed testing, you must submit the results of testing, a description of the procedures followed in testing, and a description of pertinent conditions during testing.

(2) You must submit a monitoring plan that includes a description of the control technique, test results verifying the performance of the control technique, the appropriate operating parameters that will be monitored, and the frequency of measuring and recording to establish continuous compliance with the emission limitations in § 63.9500(a) and (b). You must also include the proposed performance specifications and quality assurance procedures for the monitors. The monitoring plan is subject to the Administrator's approval. You must install, calibrate, operate, and maintain the



monitors in accordance with the monitoring plan approved by the Administrator.

begin until approval is granted by the Administrator.

(d) Use of the alternative method of demonstrating compliance must not

§§ 63.9571–63.9579 [Reserved]

TABLE 1 TO SUBPART QQQQQ OF PART 63—APPLICABILITY OF GENERAL PROVISIONS TO SUBPART QQQQQ

As required in § 63.9505, you must comply with each applicable General Provisions requirement according to the following table:

Citation	Subject	Applies to subpart QQQQQ?	Explanation
§ 63.1	Applicability	Yes.	
§ 63.2	Definitions	Yes.	
§ 63.3	Units and Abbreviations	Yes.	
§ 63.4	Prohibited Activities	Yes.	
§ 63.5	Construction/Reconstruction	Yes.	
§ 63.6(a)–(c), (e)–(f), (i)–(j).	Compliance with Standards and Maintenance Requirements.	Yes.	
§ 63.6(d)	[Reserved].		
§ 63.6(g)	Use of an Alternative Nonopacity Emission Standard.	No	Subpart QQQQQ contains no work practice standards.
§ 63.6(h)	Compliance with Opacity and Visible Emission Standards.	No	Subpart QQQQQ contains no opacity or VE limits.
§ 63.7(a)(1)–(2)	Applicability and Performance Test Dates.	No	Subpart QQQQQ includes dates for initial compliance demonstrations.
§ 63.7(a)(3), (b)–(h)	Performance Testing Requirements	No	Subpart QQQQQ does not require performance tests.
§ 63.8(a)(1)–(2), (b), (c)(1)–(3), (f)(1)–(5).	Monitoring Requirements	Yes.	
§ 63.8(a)(3)	[Reserved].		
§ 63.8(a)(4)	Additional Monitoring Requirements for Control Devices in § 63.11.	No	Subpart QQQQQ does not require flares.
§ 63.8(c)(4)	Continuous Monitoring System (CMS) Requirements.	No	Subpart QQQQQ does not require CMS.
§ 63.8(c)(5)	Continuous Opacity Monitoring System (COMS) Minimum Procedures.	No	Subpart QQQQQ does not require COMS.
§ 63.8(c)(6)	Zero and High Level Calibration Check Requirements.	No	Subpart QQQQQ specifies calibration requirements.
§ 63.8(c)(7)–(8)	Out-of-Control Periods	No	Subpart QQQQQ specifies out-of-control periods and reporting requirements.
§ 63.8(d)	CMS Quality Control	No	Subpart QQQQQ requires a monitoring plan that specifies CMS quality control procedures.
§ 63.8(e)	CMS Performance Evaluation	No	Subpart QQQQQ does not require CMS performance evaluations.
§ 63.8(f)(6)	Relative Accuracy Test Audit (RATA) Alternative.	No	Subpart QQQQQ does not require continuous emissions monitoring systems (CEMS).
§ 63.8(g)(1)–(5)	Data Reduction	No	Subpart QQQQQ specifies data reduction requirements.
§ 63.9(a)–(d), (h)–(j)	Notification Requirements	Yes	Except that subpart QQQQQ does not require performance tests or CMS performance evaluations.
§ 63.9(e)	Notification of Performance Test	No	Subpart QQQQQ does not require performance tests.
§ 63.9(f)	Notification of VE/Opacity Test	No	Subpart QQQQQ contains no opacity or VE limits.
§ 63.9(g)	Additional Notifications When Using CMS.	No	Subpart QQQQQ does not require CMS performance evaluations.
§ 63.10(a), (b), (d)(1), (d)(4)–(5), (e)(3), (f), (15).	Recordkeeping and Reporting Requirements.	Yes.	
§ 63.10(c)(1)–(6), (9)–(15).	Additional Records for CMS	No	Subpart QQQQQ specifies record requirements.
§ 63.10(c)(7)–(8)	Records of Excess Emissions and Parameter Monitoring Exceedances for CMS.	No	Subpart QQQQQ specifies record requirements.
§ 63.10(d)(2)	Reporting Results of Performance Tests.	No	Subpart QQQQQ does not require performance tests.

## Environmental Protection Agency

**§ 63.9583**

Citation	Subject	Applies to subpart QQQQ?	Explanation
§ 63.10(d)(3) .....	Reporting Opacity or VE Observations.	No .....	Subpart QQQQ contains no opacity or VE limits.
§ 63.10(e)(1)–(2) .....	Additional CMS Reports .....	No .....	Subpart QQQQ does not require CMS.
§ 63.10(e)(4) .....	Reporting COMS Data .....	No .....	Subpart QQQQ does not require COMS.
§ 63.11 .....	Control Device Requirements .....	No .....	Subpart QQQQ does not require flares.
§§ 63.12–63.15 .....	Delegation, Addresses, Incorporation by Reference Availability of Information.	Yes.	

### Subpart RRRR—National Emission Standards for Hazardous Air Pollutants: Taconite Iron Ore Processing

SOURCE: 68 FR 61888, Oct. 30, 2003, unless otherwise noted.

#### WHAT THIS SUBPART COVERS

#### **§ 63.9580 What is the purpose of this subpart?**

This subpart establishes national emission standards for hazardous air pollutants (NESHAP) for taconite iron ore processing. This subpart also establishes requirements to demonstrate initial and continuous compliance with all applicable emission limitations (emission limits and operating limits), work practice standards, and operation and maintenance requirements in this subpart.

#### **§ 63.9581 Am I subject to this subpart?**

You are subject to this subpart if you own or operate a taconite iron ore processing plant that is (or is part of) a major source of hazardous air pollutant (HAP) emissions on the first compliance date that applies to you. Your taconite iron ore processing plant is a major source of HAP if it emits or has the potential to emit any single HAP at a rate of 10 tons or more per year or any combination of HAP at a rate of 25 tons or more per year.

#### **§ 63.9582 What parts of my plant does this subpart cover?**

(a) This subpart applies to each new and existing affected source at your taconite iron ore processing plant.

(b) The affected sources are each new or existing ore crushing and handling

operation, ore dryer, indurating furnace, and finished pellet handling operation at your taconite iron ore processing plant, as defined in § 63.9652.

(c) This subpart covers emissions from ore crushing and handling emission units, ore dryer stacks, indurating furnace stacks, finished pellet handling emission units, and fugitive dust emissions.

(d) An ore crushing and handling operation, ore dryer, indurating furnace, or finished pellet handling operation at your taconite iron ore processing plant is existing if you commenced construction or reconstruction of the affected source before December 18, 2002.

(e) An ore crushing and handling operation, ore dryer, indurating furnace, or finished pellet handling operation at your taconite iron ore processing plant is new if you commence construction or reconstruction of the affected source on or after December 18, 2002. An affected source is reconstructed if it meets the definition of reconstruction in § 63.2.

#### **§ 63.9583 When do I have to comply with this subpart?**

(a) If you have an existing affected source, you must comply with each emission limitation, work practice standard, and operation and maintenance requirement in this subpart that applies to you no later than October 30, 2006.

(b) If you have a new affected source and its initial startup date is on or before October 30, 2003, you must comply with each emission limitation, work practice standard, and operation and maintenance requirement in this subpart that applies to you by October 30, 2003.